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Washington, DC 20460. Do not	send the form to this address.				
		DATA MATRIX			Page 1 of 9
Date: December 6, 2011	ate: December 6, 2011			EPA Reg No./File Symbol 5481-219	
Applicant's/Registrant's Name & A AMVAC Chemical Corporation, 46	ddress 95 MacArthur Court, Ste. 1250, Newport Beach, CA 9266	50	Product 1-Naphthaleneacetic Acid		
ngredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	40522901	AMVAC Chemical Corporation	OWN	
830.1600	Discussion of Materials Used	40522901	AMVAC Chemical Corporation	OWN	
830.1620	Description of Production Process	40522901 43877701 43998301	AMVAC Chemical Corporation	OWN	
830.1670	Discussion of Formation of Impurities	40522901 43877701 43998301	AMVAC Chemical Corporation	OWN	
830.1700	Preliminary Analysis	43877702 43998302	AMVAC Chemical Corporation	OWN	
830.1750	Certified Limits	43877702 43998302	AMVAC Chemical Corporation	OWN	
830.1800	Enforcement Analytical Method	43877702 43998302	AMVAC Chemical Corporation	OWN	
830.6302	Color	40522903	AMVAC Chemical Corporation	OWN	
830.6303	Physical State	40522903	AMVAC Chemical Corporation	OWN	
830.6304	Odor	40522903	AMVAC Chemical Corporation	OWN	
830.6313	Stability to Normal and Elevated Temp.	45143002	AMVAC Chemical Corporation	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatability	45143002	AMVAC Chemical Corporation	OWN	
830.6315	Flammability	45143002	AMVAC Chemical Corporation	OWN	
Signature Kelliz K.	Canyoth		Name and Title Ms. Kelly K. Naujock, Regulatory Pr	oduct Manager	Date 06-DEC-11

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Applicant's/Registrant's Name & A AMVAC Chemical Corporation, 46	oddress 195 MacArthur Court, Ste. 1250, Newport Bea	ch, CA 92660	Product 1-Naphthaleneacetic Acid		
ngredient 1-Naphthaleneacetic	Acid (NAA)		ASSETT LOSSES OF THE		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1	OWN	
90 (C)			AMVAC Chemical Corporation	100000000000000000000000000000000000000	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
					Date
Signature Kallia	K. Dayoch		Name and Title Ms. Kelly K. Naujock, Regulatory Pr	oduct Manager	06-DEC-11

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applicant's/Registrant's Name & MVAC Chemical Corporation, 4	Address 4695 MacArthur Court, Ste. 1250, Newport Beach,	CA 92660	Product 1-Naphthaleneacetic Acid		
ngredient 1-Naphthaleneaceti	c Acid (NAA)			- 1	- In /
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
30.6316	Explodability	45143002	AMVAC Chemical Corporation	OWN	
30.6317	Storage Stability	43580402	AMVAC Chemical Corporation	OWN	
30.6320	Corrosion Characteristics	43580402	AMVAC Chemical Corporation	OWN	
30.7000	рН	40522903	AMVAC Chemical Corporation	OWN	
30.7050	UV/Vis Absorption	47478611	AMVAC Chemical Corporation	OWN	
30.7200	Melting Point	40522903	AMVAC Chemical Corporation	OWN	
30.7300	Density	40522903	AMVAC Chemical Corporation	OWN	
30.7370	Dissociation Constant	40522903	AMVAC Chemical Corporation	OWN	
30.7550	Partition Coefficient / Shake Flask	40522903	AMVAC Chemical Corporation	OWN	
30.7840	Solubility	40522903	AMVAC Chemical Corporation	OWN	
330.7640	Vapor Pressure	40522903	AMVAC Chemical Corporation	OWN	
ACCOMMONALS					
ECOLOGICAL EFFECTS 350.1010	Invertebrate Toxicity	00082526	Union Carbide	OWN	
	Fish Toxicity - Bluegill	00082527	Union Carbide	OWN	
350.1075	Avian Acute Oral Toxicity	00065840	Union Carbide	OWN	
350.2100		00085909	Union Carbide	OWN	
350.2200	Avian Dietary Toxicity - Quail	00003303	Name and Title		Date
Signature X 2 Law 4	4. Dayoch		Ms. Kelly K. Naujock, Regulatory Pr	oduct Manager nal Use Copy	06-DEC-11



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ngredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
			AMVAC Chemical Corporation	OWN	
	*				
			Union Carbide	OWN	
			Union Carbide	OWN	
			Union Carbide	OWN	
			Union Carbide	OWN	
ignature Kelley K. 1	Cronic and Paper versions available. Submit		Name and Title Ms. Kelly K. Naujock, Regulatory Pro	oduct Manager	Date 06-DEC-11

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ngredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2300	Avian Reproduction - Quail	Not Required			
850.4225	Seed Germ. / Seedling Emergence	Pending GDCI Issuance			
850.4250	Vegetative Vigor	Pending GDCI Issuance			
850.4400	Aquatic Plant Growth	Pending GDCI Issuance			
850.5400	Effects to Algae / Algal Toxicity	Not Required			
TOXICOLOGY					
870.1100	Acute Oral Toxicity - Rat	00103128	Bayer CropScience LP	OLD	
870.1200	Acute Dermal Toxicity - Rabbit / Rat	00103129	Bayer CropScience LP	OLD	
870.1300	Acute Inhalation Toxicity - Rat	00128256	Greenwood Chemical Company	OWN	
370.2400	Primary Eye Irritation - Rabbit	00103127	Bayer CropScience LP	OLD	
870.2500	Primary Skin Irritation	00103127	Bayer CropScience LP	OLD	
370.2600	Dermal Sensitization	00153217	Bayer CropScience LP	OLD	-
370.3100	90-Day Feeding Rodent	00043624	Bayer CropScience LP	OLD	
370.3150	90-Day Feeding - Non-Rodent	00136446	Bayer CropScience LP	OLD	
370.3200	21-Day Dermal – Rabbit/Rat	Pending GDCI Issuance			
370.3700	Developmental Toxicity - Rat	00042765	Bayer CropScience LP	OLD	
Signature Kelly K	4. Nacyorl		Name and Title Ms. Kelly K. Naujock, Regulatory Pro	dust Manager	Date 06-DEC-11



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Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Greenwood Chemical Company	OWN	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
Signature Kelly K	tronic and Paper versions available. Submit		Name and Title Ms. Kelly K. Naujock, Regulatory Pro		Date 06-DEC-11
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Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
370.3700	Developmental Toxicity - Rabbit	00137821 & 00137822	Bayer CropScience LP	OLD	
370.3800	2-Generation Reporoduction - Rat	Pending GDCI Issuance			
870.4100	Chronic Feeding Toxicity - Rodent	Pending GDCI Issuance			
370.4100	Chronic Feeding Toxicity - Non-Rodent	Pending GDCI Issuance			
370.4200	Oncogenicity - Rat	Pending GDCI Issuance			
370.4200	Oncogenicity - Mouse	Pending GDCI Issuance			
370.4300	Combined Chronic Toxicity / Carcinogenicity	Not Required			
370.5140 & 870.5265	Gene Mutation (Ames Test)	00042761 & 00042762	Bayer CropScience LP	OLD	
870.5375	Structural Chromosomal Aberration	Pending GDCI Issuance			
870.5300	Gene Mutation - Mammalian: Mouse Lymphoma Cells	Pending GDCI Issuance			
370.5395	Erythrocyte Micronucleus - Mice	00042763	Bayer CropScience LP	OLD	
370.5450	Rodent Dominant Lethal Assay	00042764	Bayer CropScience LP	OLD	
370.5575	Mitotic Gene Conversion: Saccharomyces cervisiae	00042758, 00042759 & 00042760	Bayer CropScience LP	OLD	
870.7485	General Metabolism	Pending GDCI Issuance			
Signature Kelly:	R. Dauyeck	1	Name and Title Ms. Kelly K. Naujock, Regulator	ry Product Manager	Date 06-DEC-11

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Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer CropScience LP	OLD	2
			Bayer CropScience LP	OLD	
			Dayer Gropocience Er	000	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
			Bayer CropScience LP	OLD	
Signature Kelley x	(Dayort		Name and Title Ms. Kelly K. Naujock, Regulatory	Product Manager	Date 06-DEC-11
EDA E 0570 05 (0.07) EI			IMS. INCHY IX. Haujock, Regulatory	r roduct iviariager	

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Ingredient 1-Naphthaleneacetic	Acid (NAA)	\$40,000 TOLLOGO - 1000 CONTROL		Te	Note
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Occupational / Residentia	I Exposure		Z* 5,000 = 500 = 500	loco.	
875.2100	Foliar Residue Dissipation	ARTF data	Agricultural Reentry Task Force	PER	
875.2400	Dermal Passive Dosimetry Exposaure	ARTF and ORETF data	Agricultural Reentry Task Force & Outdoor Residential Exposure Task Force	PER	
875.2500	Inhalation Passive Dosimetry Exposure	PHED and ORETF data	Pesticide Handlers Exposure Database & Outdoor Residential Exposure Task Force	PER	
None	Estimation of Dermal Exposure at Outdoor Sites	ARTF data	Agricultural Reentry Task Force	PER	
None	Estimation of Inhalation Exposure at Indoor Sites	PHED data	Pesticide Handlers Exposure Database	PER	
Environmental Fate					
None	Chemical Identity	Not Required			
835.1240	Leaching / Adsorption / Desorption	Not Required			
835.1850	Confined Rotational Crop	Not Required			
835.2120	Hydrolysis	Not Required			
835.2240	Photodegradation - Water	Not Required			
835.2410	Photodegradation - Soil	Not Required			
835.2370	Photodegradation - Air	Not Required			Date
Signature K. Q.	y K. Daupele		Name and Title Ms. Kelly K. Naujock, Regulatory Produ	uct Manager	Date 06-DEC-11

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pplicant's/Registrant's Name & A	Address 95 MacArthur Court, Ste. 1250, Newport Beac	ch, CA 92660	Product 1-Naphthaleneacetic Acid		
ngredient 1-Naphthaleneacetic	Acid (NAA)				
Suideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Reentry Task Force	PER	
			Agricultural Reentry Task Force & Outdoor Residential Exposure Task	PER	
			Pesticide Handlers Exposure Database & Outdoor Residential Exposure Task Force	PER	
			Agricultural Reentry Task Force	PER	
			Pesticide Handlers Exposure Database	PER	
				1	
				-	
				-	
					D.1.
Signature Klly	K. Daujock		Name and Title Ms. Kelly K. Naujock, Regulatory Produ Agency Internal	ct Manager	Date 06-DEC-11



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Ingredient 1-Naphthaleneacetic	Acid (NAA)			SEMBLES - L	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4100	Aerobic Soil Metabolism	Not Required			
835.4200	Anaerobic Soil Metabolism	Not Required			
835.4300	Aerobic Aquatic Metabolism	Not Required			
835,4400	Anaerobic Aquatic Metabolism	Not Required			
835.6100	Terrestrial Field Dissipation	Not Required			
None	Bioaccumulation in Fish	Not Required	* 3000000000000000000000000000000000000		
Residue Chemistry					
860.1200	Directions for Use	On Label			
860.1300	Nature of Residue - Plants	05009008 05009108 00004943 00004948 00159237 05009196 43482101 43948501 44190501	Literature Literature IR-4 IR-4 IR-4 Literature Amvac Chemical Corporation Amvac Chemical Corporation	PL PL OLD OLD OLD PL OWN OWN	
860.1300	Nature of Residue - Livestock	00004942 05007966 05008052 43692301	IR-4 Literature Literature Amvac Chemical Corporation	OLD PL PL OWN	
Signature Kelley K	Waiyoch		Name and Title Ms. Kelly K. Naujock, Regulatory Programme (No. 1)	roduct Manager	Date 06-DEC-11

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Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			=		
			Literature Literature IR-4 IR-4 IR-4 Literature Amvac Chemical Corporation Amvac Chemical Corporation Amvac Chemical Corporation	PL PL OLD OLD OLD PL OWN OWN OWN	
			Literature Literature Amvac Chemical Corporation	PL PL OWN	
Signature Kelley F	4. Dayoch		Name and Title Ms. Kelly K. Naujock, Regulatory Pr	oduct Manager	Date 06-DEC-11
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			Product 1-Naphthaleneacetic Acid		
Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method - Plants	00004916 00004943 00004946 00004949 00159237 05002768 05008121 05020083 44555403 44586502 GS0023012 GS0023019 GS0023036	Thompson Chemicals Corporation IR-4 IR-4 IR-4 IR-4 Literature Literature Literature Amvac Chemical Corporation Amchem Products Anchem Products Anchem Products Anchem Products	OLD OLD OLD PL PL PL OWN OUD OLD OLD OLD	
860.1340	Residue Analytical Method - Animals	ibid	ibid	ibid	
860.1360	Multiresidue Method	Not Required			
860.1380	Storage Stability (Plant Commodities)	44660201 44660202 44835301	Amvac Chemical Corporation Amvac Chemical Corporation Amvac Chemical Corporation	OWN OWN OWN	
860.1480	Magnitude of Residues - Meat / Milk / Poultry / Egg	Pending GDCI Issuance			
Signature Kolly K Norwyo C EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version			Name and Title Ms. Kelly K. Naujock, Regulatory Product Manager		Date 06-DEC-11

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		Product 1-Naphthaleneacetic Acid			
ngredient 1-Naphthaleneacetic A	cid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Thompson Chemicals Corporation IR-4 IR-4 IR-4 IR-4 Literature Literature Literature Amvac Chemical Corporation Amvac Chemical Corporation Anchem Products Anchem Products Anchem Products Anchem Products ibid	OLD OLD OLD OLD PL PL OWN OWN OLD OLD OLD ibid	
			Amvac Chemical Corporation Amvac Chemical Corporation Amvac Chemical Corporation	OWN OWN OWN	
Signature Kelley K. Caugast			Name and Title		Date 06-DEC-11

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			Product 1-Naphthaleneacetic Acid				
Ingredient 1-Naphthaleneacetic	Acid (NAA)						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
360.1500	Crop Field Trials						
	Citrus Fruit Groups (Crop Group 10) - Orange	00051218 00060940 00060941 00060942 00060943 00161042	IR-4 IR-4 IR-4 IR-4 IR-4	OLD OLD OLD OLD OLD OLD			
	Tangerine	ibid					
	Pome Fruits (Crop Group 11) - Apple	GS0023036 40884401 45283601	Anchem Products Bayer CropScience LP Amvac Chemical Corporation	OLD OLD OWN			
	Pear	GS0023019 40884402 45283602	Anchem Products Bayer CropScience Amvac Chemical Corporation	OLD OWN			
	Stone Fruits Group Cherry, Sweet	00114389 00114390	IR-4 IR-4	OLD			
360.1500	Crop Field Trials – Miscellaneous Commodities						
	Olive	00004943 44555402 GS0023012	IR-4 Amvac Chemical Corporation Anchem Products	OLD OWN OLD			
	Pineapple	00004946	IR-4	OLD			
Signature Kelley K. Davigoth		Name and Title Ms. Kelly K. Naujock, Regulatory Product Manager		Date 06-DEC-11			

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		DATAMATA				
Date: December 6, 2011			EPA Reg No./File Symbol 5481-219		Page 8 of 9	
te. December 6, 2011						
Applicant's/Registrant's Name & Address			Product			
AMVAC Chemical Corporation, 4695 MacArthur Court, Ste. 1250, Newport Beach, CA 92660		ch, CA 92660	1-Naphthaleneacetic Acid			
gredient 1-Naphthaleneacetic A	Acid (NAA)					
rideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
			IR-4	OLD		
		1	IR-4	OLD		
		i	IR-4	OLD		
			IR-4	OLD		
			IR-4	OLD		
	27		IR-4	OLD		
			Anchem Products	OLD		
		1	Bayer CropScience LP	OLD		
			Amvac Chemical Corporation	OWN		
			Anchem Products	OLD		
			Bayer CropScience	OLD		
	*		Amvac Chemical Corporation	OWN		
			IR-4	OLD		
			IR-4	OLD		
			IR-4	OLD		
			Amvac Chemical Corporation	OWN		
			Anchem Products	OLD		
			IR-4	OLD		
Signature			Name and Title		Date	
101						
Kalley K. Cherry C.			Ms. Kelly K. Naujock, Regulatory Product Manager		06-DEC-11	

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		DATA MATRIX						
Date: December 6, 2011 Applicant's/Registrant's Name & Address AMVAC Chemical Corporation, 4695 MacArthur Court, Ste. 1250, Newport Beach, CA 92660			EPA Reg No./File Symbol 5481-219		Page 9 of 9			
			Product 1-Naphthaleneacetic Acid					
ngredient 1-Naphthaleneacetic	Acid (NAA)							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
860.1520	Processed Food / Feed							
	Processed Food (Olive)	44555401	Amvac Chemical Corporation	OWN				
	Processed Food (Apple)	44586501	Amvac Chemical Corporation	OWN				
	Processed Food (Fruit, Citrus, Group 10)	00051218 00060940 00060941 00060942 00060943 00161042	IR-4 IR-4 IR-4 IR-4 IR-4	OLD OLD OLD OLD OLD				
Signature	Λ		Name and Title		Date			
Kelly K Waryord			Ms. Kelly K. Naujock, Regulatory Product Manager		06-DEC-11			

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Tradinington, Do 20700. Do not	send the form to this address.	DATA MATRIX			
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Date: December 6, 2011 Applicant's/Registrant's Name & Address AMVAC Chemical Corporation, 4695 MacArthur Court, Ste. 1250, Newport Beach, CA 92660		EPA Reg No./File Symbol 5481-219		Page 9 of 9	
		Product 1-Naphthaleneacetic Acid			
Ingredient 1-Naphthaleneacetic	Acid (NAA)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Amvac Chemical Corporation	OWN	
			Amvac Chemical Corporation	OWN	
			IR-4 IR-4 IR-4 IR-4 IR-4	OLD OLD OLD OLD OLD	
Signature Kelley K. Cray C. EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.		Name and Title Ms. Kelly K. Naujock, Regulatory Product Manager Agency Internal Use Copy		Date 06-DEC-11	